ACT2

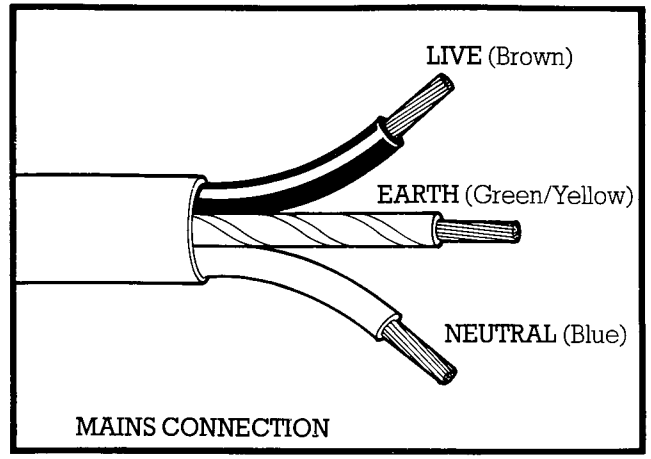
ACT2 is a compact four-outlet lighting control unit intended for use in schools, amateur dramatics, pubs and clubs; anywhere, in fact, where tungsten lighting needs to be dimmed, but where the small number of lights involved or the temporary nature of the installation makes the use of larger, more comprehensive controls impractical.
The unit comprises two 6A dimmers, each of which feeds two switched outlets. The lighting connected to each outlet may be switched Off or On at full, or connected to the corresponding dimmer output. In the latter case the lighting level is controlled by an associated fader control.
The ACT2 dimmer unit is supplied with four output connectors and two spare fuses. It is intended primarily for desk-top use, but a plate is available for mounting the unit on a wall or fixing it to a stand.

Order Codes

ACT2 Dimmer Unit	04 030 08
Mounting Plate	04 027 09
Pack of 10 6.3A HRC fuses	08 006 40
Pack of 10 CEE 22 6A plugs.	04 031 03

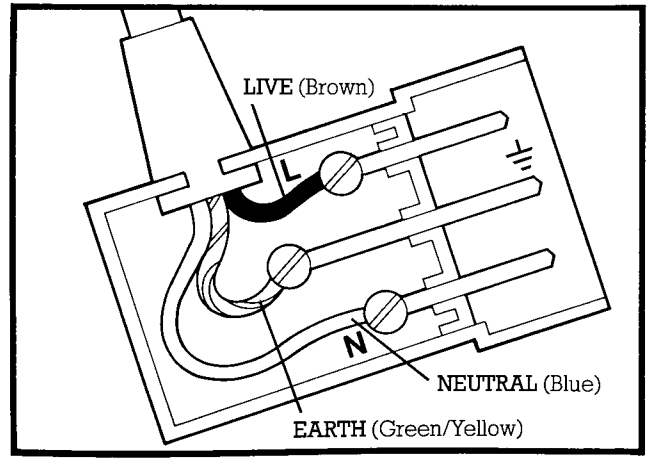
NOTES

- ACT2 is intended to control mains voltage tungsten or tungsten-halogen lamps only. Do not use with fluorescent tubes or low-voltage transformer-fed lamps.
- ACT2 controls lamps at mains voltage – 220/240V 50/60Hz. THIS VOLTAGE CAN BE FATAL. Always disconnect the unit from the mains when changing fuses, lamps, etc.
- ACT2 MUST BE PROPERLY EARTHED WHEN IN USE.
- Always use the correct plugs when connecting to the dimmer outlets. Spare plugs are available from Strand Lighting and their agents.
- Always use the correct type of fuse; this has been specially selected to ensure complete protection of the ACT2 electronics. Packs of 10 fuses are available from Strand Lighting and their agents.

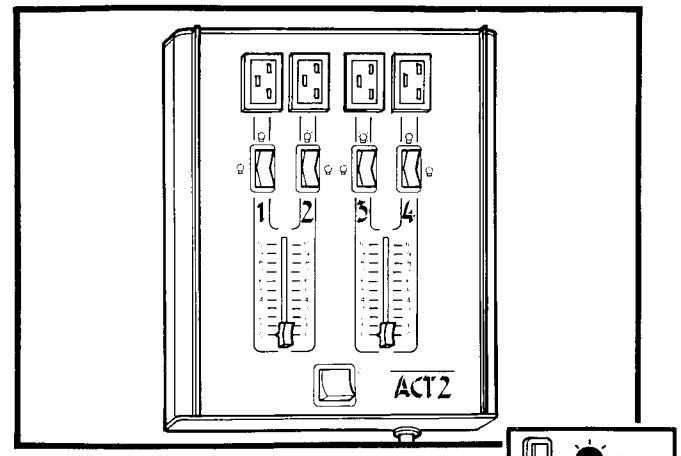


MAINS CONNECTION

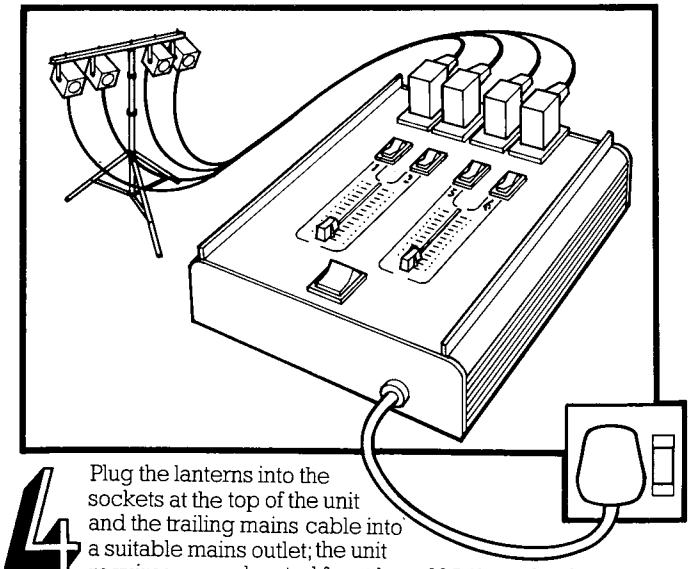
1 Fit the trailing mains lead with a plug rated for the maximum total load current. The unit will require a supply of at least 12A if fully loaded, but lower rated supplies may be used if the load is reduced correspondingly.
It is important that the connections are made correctly, as follows: Brown – Live (L), Blue – Neutral (N), Green/Yellow – Earth (E). THE UNIT MUST BE PROPERLY EARTHED.
The mains cable fitted is 5 metres long. Do not cut it shorter than 4.5 metres; it protects the unit from damage if there is a short circuit.



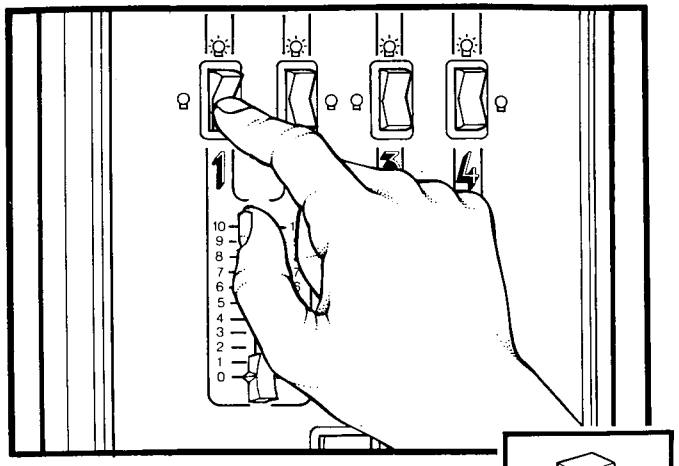
2 LOAD CONNECTIONS
Fit each lantern with one of the plugs supplied, wiring it as shown in the diagram. Ensure that the cable is secured by the plastic clamping plate.
IMPORTANT: The TOTAL load connected to each dimmer must not exceed 1.3kW. For example, a 650W lantern may be connected to each outlet, but only two 1kW lanterns may be used, one connected to either outlet 1 or outlet 2 and the other to either 3 or 4.

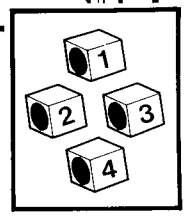


3 Before connecting the unit to the mains, it is good practice to set the illuminated mains switch to 'O' (Off), the faders to zero and the four selector switches to '♀' (Off). The selector switches each have three positions as shown in inset diagram.



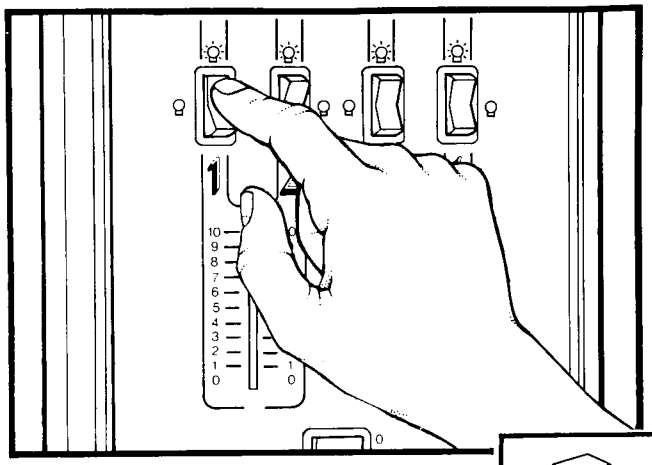
4 Plug the lanterns into the sockets at the top of the unit and the trailing mains cable into a suitable mains outlet; the unit requires a supply rated for at least 12A if fully loaded. Switch on by pressing the bottom of the red mains switch (marked '1'); the switch illuminates to show that power is available to the dimmers. *IMPORTANT:* The mains switch must not be used as an isolator when changing lamps. Always unplug the lantern concerned.

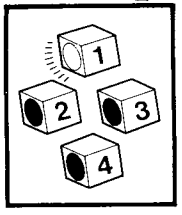




5 OPERATION

Choose one of the four outlets (e.g. 1) and set the appropriate selector switch to 'dim' by pressing the bottom of the rocker.





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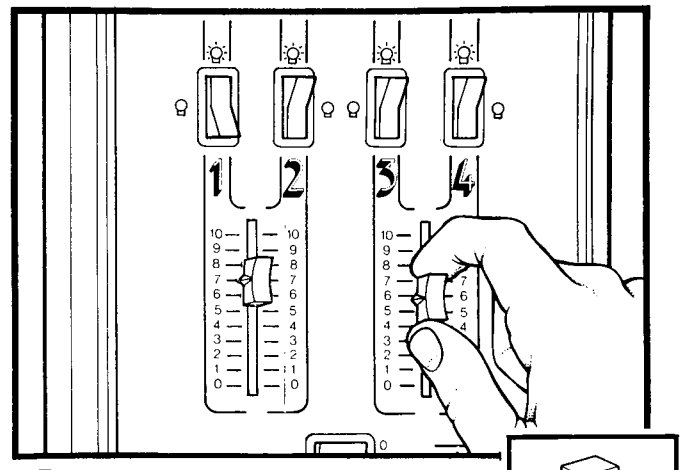
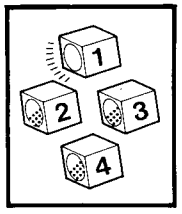
When the fader is at full (10) the selector switch may be snapped to the '●' (On) position, thus releasing the fader to control outlet 2. There may be a flash as the switch passes through zero; this can be minimised by operating the switch quickly.





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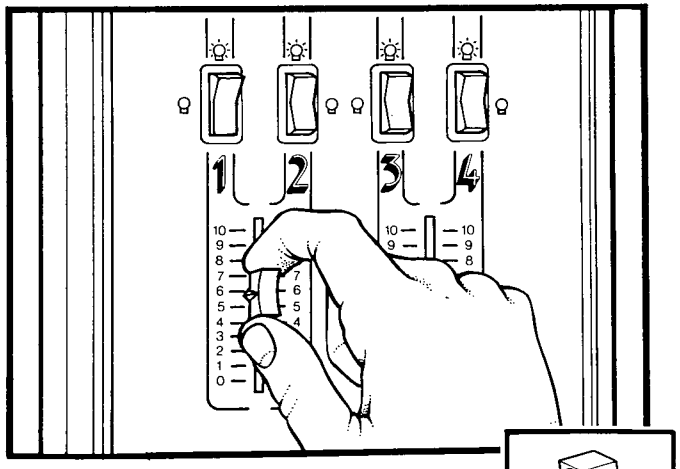
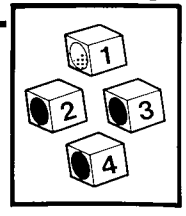
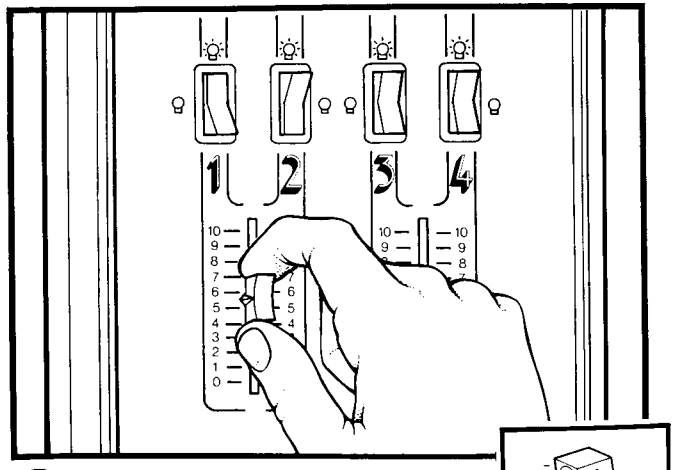
Outlet 2 may now be left in the 'dim' position and the lanterns on outlets 3 and 4 introduced using the right-hand fader.

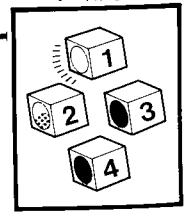




6

Raise the associated (left-hand) fader to increase the light intensity. Full level is reached when the fader is at its upper limit (10). Note that the other lantern associated with this dimmer (2 in this case) remains off – the inset diagram shows the levels of the four lanterns.





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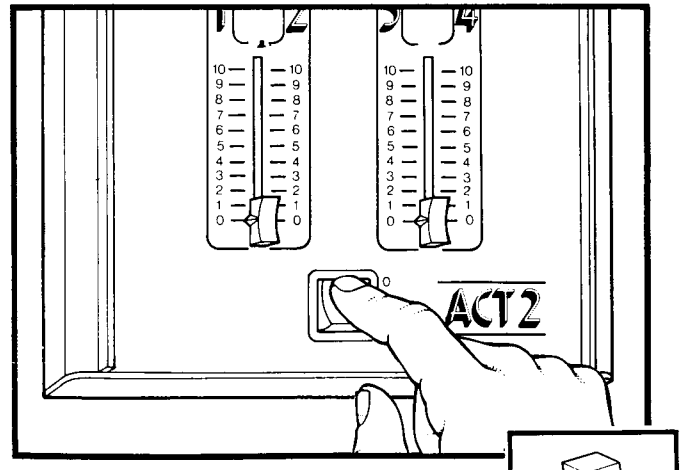
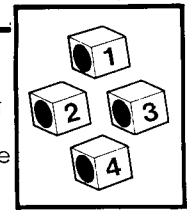
Move the fader to zero and set selector switch 2 to 'dim'. Raise the fader to increase the level at outlet 2. Note that outlet 1 remains at full.





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At the end of the scene, both faders may be moved down to 'O' to fade out, remembering that outlets set to full are not under fader control and must be switched off separately or first switched back to 'dimmer'. Alternatively the mains switch may be used as a blackout.

This illustrates only one of the many possible ways in which ACT2 may be used.